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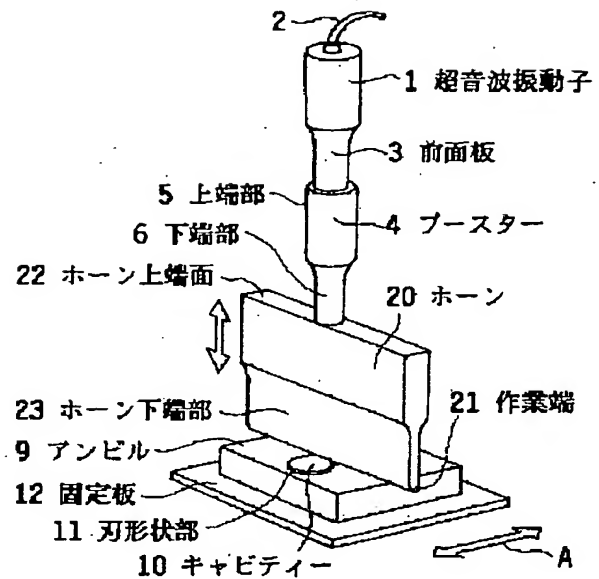
APPLICATION DATE : 23-03-93  
APPLICATION NUMBER : 05062386

APPLICANT : SUMITOMO BAKELITE CO LTD;

INVENTOR : ADACHI HIDEHIRO;

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TITLE : PRODUCTION OF THERMOPLASTIC  
RESIN CONTAINER



ABSTRACT : PURPOSE: To produce a thermoplastic resin container capable of enhancing the durability of a horn and an anvil without being limited by the size and number of a container to be treated and capable of inserting an intermediate sheet in the gap between the container and a lid material and adaptable to a use requiring easy opening.

CONSTITUTION: In such a state that an intermediate sheet is inserted or not inserted between the thermoplastic resin container inserted in an anvil 9 and the thermoplastic resin lid material on the container, the container and the lid material are pressed by a horn 20 subjected to ultrasonic vibration. The anvil 9 or the horn 20 is slid with respect to the horn 20 or the anvil 9 in the direction crossing the vertical vibration direction of the horn 2 at a right angle to simultaneously perform welding and fusion. The intermediate sheet is composed of a thermoplastic resin, rubber, foams thereof, foam composed of thermosetting resin, paper, a fabric or a combination thereof.

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